

TO: NICK MESITI

JAN 05, 2002

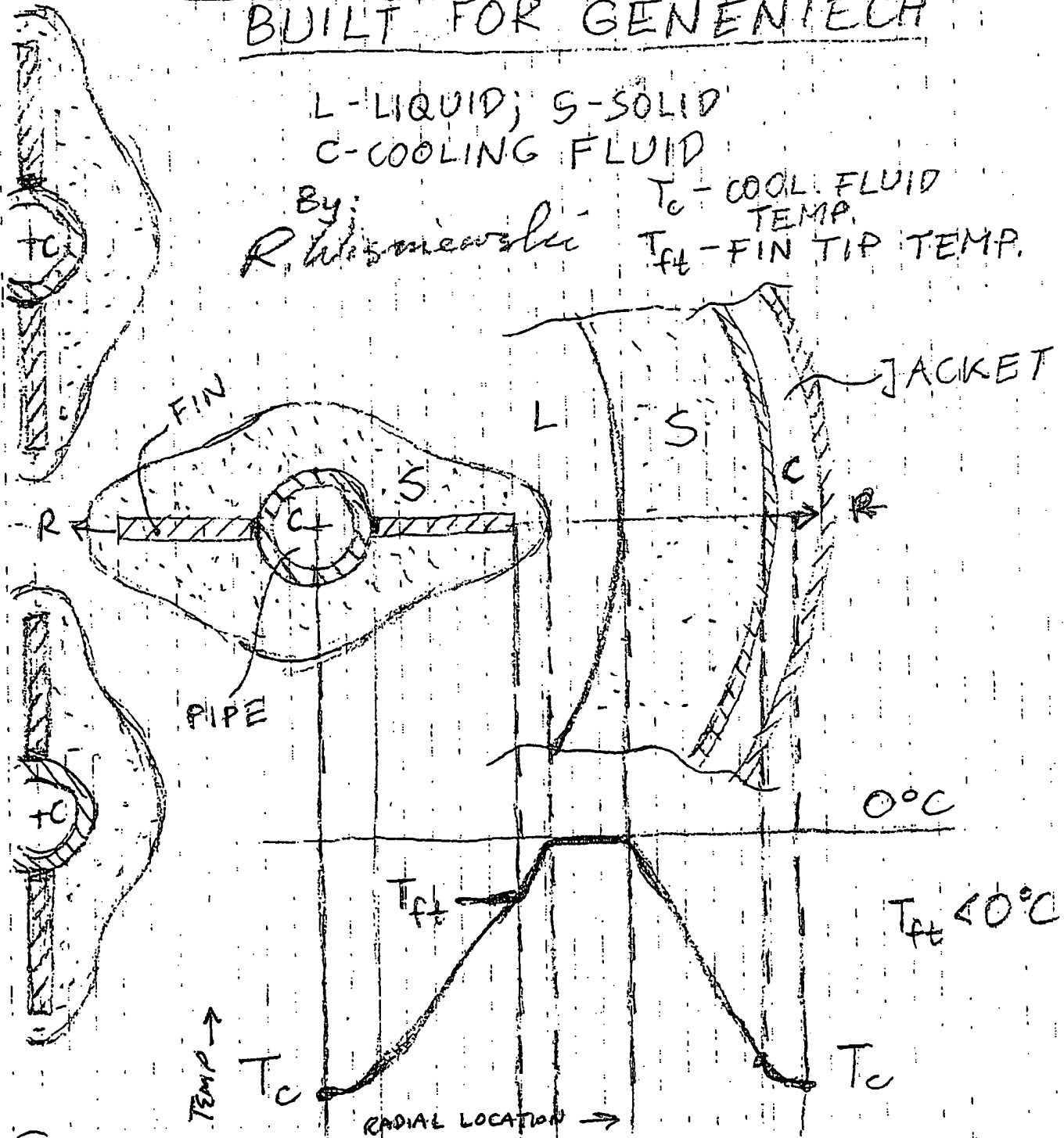
(1)

# FREEZING IN 103 L VESSEL BUILT FOR GENENTECH

L - LIQUID; S - SOLID  
C - COOLING FLUID

By:

R. Wisniewski

 $T_c$  - COOL. FLUID  
TEMP. $T_{ft}$  - FIN TIP TEMP.

TEMPERATURE DISTRIBUTION